

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be submitted with the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

45216

7590

06/19/2007

Kunzler & McKenzie
8 EAST BROADWAY
SUITE 600
SALT LAKE CITY, UT 84111

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/811,664	03/29/2004	John Glenn Thompson	SJO920030102US1	2441

TITLE OF INVENTION: MIRRORED VOLUME REPLICATION METHOD, APPARATUS, AND SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	09/19/2007
EXAMINER		ART UNIT	CLASS-SUBCLASS			
BONURA, TIMOTHY M		2114	714-006000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☒ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list:
- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

09/12/2007 AUONDAF2 00000052 090466 10811664

01 FC:1501 1400.00 DA

02 FC:1504 300.00 DA

3.00 DA

Kunzler & McKenzie

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

International Business Machines
Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

ARMONK, NY

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 1

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 09-0466 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Brian C. Kunzler

Date

6/29/07

Typed or printed name

Brian C. Kunzler

Registration No.

38,527

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



PATENT
Docket No. SJO920030102US1

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

APPLICANT(S): JOHN GLENN THOMPSON
SERIAL No.: 10/811,664
FILING DATE: MARCH 29, 2004
TITLE: MIRRORED VOLUME REPLICATION METHOD, APPARATUS,
AND SYSTEM
EXAMINER: TIMOTHY M. BONURA
GROUP ART UNIT: 2114
ATTY. DKT. No.: SJO920030102US1

MAIL STOP ISSUE FEE
COMMISSIONER FOR PATENTS
P.O. Box 1450
ALEXANDRIA, VA 22313-1450

**TRANSMITTAL OF THE
PAYMENT OF ISSUE FEE**

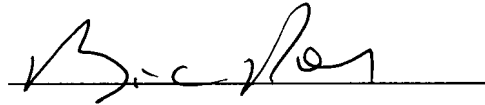
Sir:

The enclosed Payment of the Issue Fee Due is submitted herewith pursuant to 37 C.F.R. § 1.67 and M.P.E.P. § 603.01 for filing in the matter of the United States patent application as hereinabove identified. A duplicate copy of this sheet is enclosed.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Commissioner of Patents
June 28, 2007
Page 2

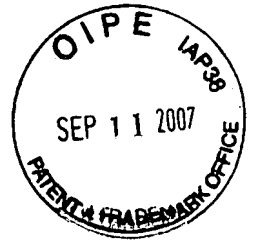
Respectfully Submitted,
Brian C. Kunzler

A handwritten signature in black ink, appearing to read "B. C. Kunzler", is written over a horizontal line.

Brian C. Kunzler
Reg. No. 38,527
Attorney for Applicant

Date: June 28, 2007

Brian C. Kunzler
8 East Broadway, Suite 600
Salt Lake City, Utah 84111
Telephone: 801/994-4646



CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to:
Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450
on

Respectfully submitted,

Transmitted: Transmittal of Payment of Issue Fee.

Please type a plus-sign (+) inside this box →

PTO/SB/05 (12/97)

Approved for use through 9/30/05. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

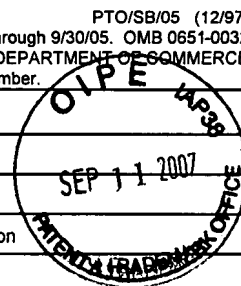
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FEE TRANSMITTAL

Note: Effective December 8, 2004.
Patent fees are subject to annual revision.

Complete If Known

Application Number	10/811,664
Filing Date	March 29, 2004
First Named Inventor	John Glen Thompson
Group Art Unit	2114
Examiner Name	Timothy M. Bonura
Attorney Docket Number	SJO920030102US1



TOTAL AMOUNT OF PAYMENT \$ 1703

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 09-0466

Deposit Account Name: IBM CORPORATION

Charge Any Additional
X Fee Required Under
37 CFR 1.16 and 1.17

Charge the Issue Fee
☐ In 37 CFR at the Mailing
of the Notice of Allowance

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☒ Other

FEE CALCULATION

1. FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1011	300	2011	150			Utility filing fee	
1111	500	2111	250			Utility search fee	
1311	200	2311	100			Utility examination fee	
1084	250	2004	125			Utility size fee for each additional 50 over 100	
1005	200	2005	100			Provisional filing fee	
SUBTOTAL (1)							\$ 0

2. CLAIMS

	Extra	Fee from below	Fee Paid
Total Claims -20 =	0	x 50 =	
Ind. Claims -3 =	0	x 100 =	
Multiple Dep. Claims	0	x 380 =	0

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1202	50	2202	25			Claims in excess of 20	
1201	200	2201	100			Independent claims in excess of 3	
1203	380	2203	180			Multiple dependent claim	
1204	200	2204	100			Reissue independent claims over original patent	
1205	50	2205	25			Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) 0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65			Surcharge - late filing fee or oath	
1052	50	2052	25			Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130			Non-English specification	
1812	2520	1812	2520			For filing a request for reexamination	
1804	920*	1804	920*			Requesting publication of SIR prior to Examiner action	
1805	1840*	1805	1840*			Requesting publication of SIR after Examiner action	
1251	120	2251	60			Extension for reply within first month	
1252	450	2252	225			Extension for reply within second month	
1253	1020	2253	510			Extension for reply within third month	
1254	1530	2254	765			Extension for reply within fourth month	
1255	2160	2255	1080			Extension for reply within fifth month	
1401	500	2401	250			Notice of Appeal	
1402	500	2402	250			Filing a brief in support of an appeal	
1403	1000	2403	500			Request for oral hearing	
1451	1510	1451	1510			Petition to institute a public use proceeding	
1452	110	2452	55			Petition to revive -unavoidably	
1453	1370	2453	685			Petition to revive - unintentional	
1501	1400	2501	700			Utility issue fee	1400
1502	800	2502	400			Design issue fee	
1503	1100	2503	550			Plant issue fee	
1460	130	1460	130			Petitions to the Commissioner	
1807	50	1807	50			Petitions related to provisional applications	
1806	180	1806	180			Submission of Information Disclosure Stmt	
8021	40	8021	40			Recording each patent assignment per property (times number of properties)	
1801	790	2801	395			Request for continued examination (RCE) (37 CFR 1.114)	
1809	790	2809	395			Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395			For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) <u> </u> Fee Code: 8001 Fee: 3.00 each Printed Copy of Patent w/o color, regular service delivery by USPS, UPSTO Box, or electronic means.							3
Other fee (specify) <u> </u> Publication Fee							300

*Reduced by Basic Filing Fee

SUBTOTAL (3) \$ 1703

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Brian C. Kunzler			Reg. Number	38,527
Signature		Date	Jun 28, 2007	Deposit Account User ID	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington,